09968975.082801

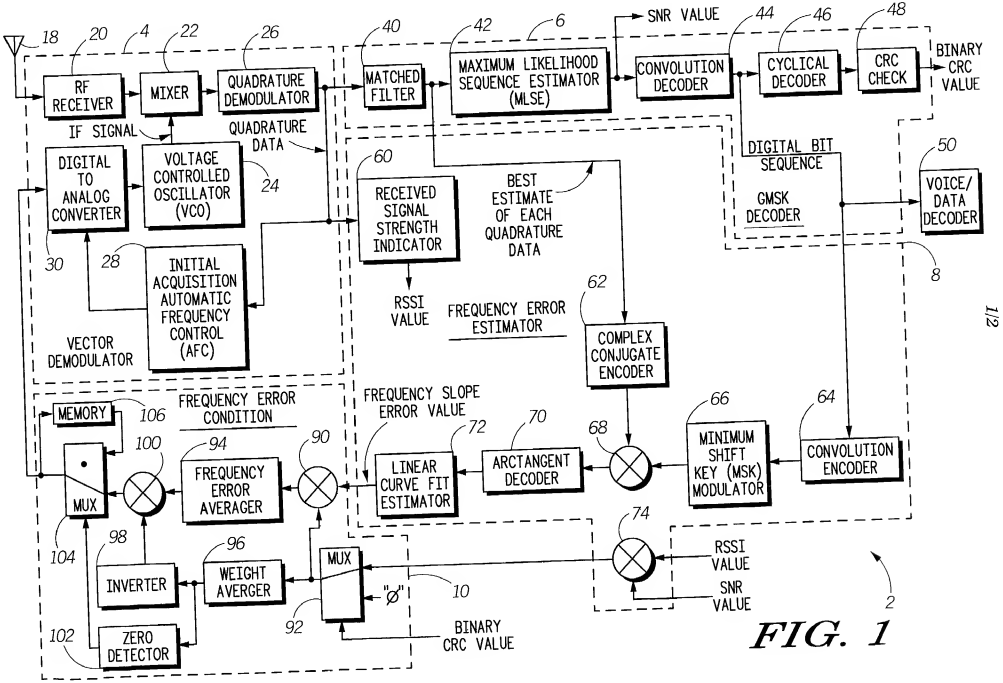


FIG. 1

GDLDBERG
CM03342J

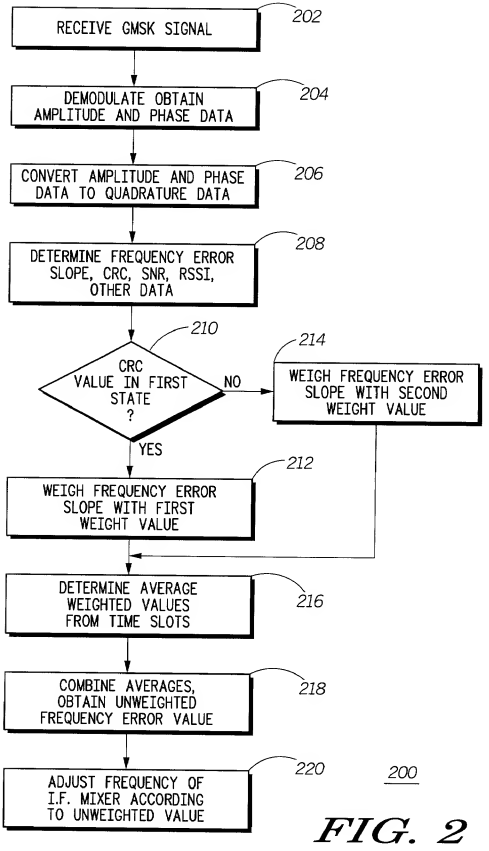
RECEIVE GMSK SIGNAL
202
DEMODULATE OBTAIN AMPLITUDE AND PHASE DATA
204
CONVERT AMPLITUDE AND PHASE DATA TO QUADRATURE DATA
206
DETERMINE FREQUENCY ERROR SLOPE, CRC, SNR, RSSI, OTHER DATA
208
210
CRC VALUE IN FIRST STATE ?
NO
214
WEIGH FREQUENCY ERROR SLOPE WITH SECOND WEIGHT VALUE
YES
212
WEIGH FREQUENCY ERROR SLOPE WITH FIRST WEIGHT VALUE
DETERMINE AVERAGE WEIGHTED VALUES FROM TIME SLOTS
216
COMBINE AVERAGES, OBTAIN UNWEIGHTED FREQUENCY ERROR VALUE
218
ADJUST FREQUENCY OF I.F. MIXER ACCORDING TO UNWEIGHTED VALUE
220
200

FIG. 2